



Overview of NINDS Funding Mechanisms

February 2004

Research Project, Center Grants, and Cooperative Agreement Awards:

Mechanism – Program ↓	Program Synopsis	Salary/ Stipend	Budget Info.	Duration/ Renewal
R01: Research Project Grant	Supports a focused research program. Also supports Pilot Clinical Trial Grant for Neurological Disease to gather preliminary data and the conduct of clinical studies to support the rationale for a subsequent full-scale clinical trial of intervention to treat or prevent neurological disease.	Prorated based on PI % effort.	Modular up to \$250K. NINDS approval for over \$500K.	Up to 5 years. May be renewed.
R03: Small Grant Program	Supports new research projects that: 1) lead to a defined product, resource or “deliverable” that has inherent value to the neuroscience community; 2) will generate an important and potentially publishable unit of information or dataset; or 3) focus on secondary analysis of clinical data sets.	Prorated based on PI % effort.	Modular up to \$100K.	Up to 2 years. Not renewable.
R15: Academic Res. Enhancement Award	Supports research projects by faculty who are located in health professional schools or other academic components that have not been major recipients of NIH research grant funds for up to three years.	Prorated based on PI % effort.	Modular up to \$150K.	Up to 3 years. Not renewable.
R21: Exploratory/ Developmental Grant	Supports new research projects that: 1) assess the feasibility of a novel avenue of investigation; 2) involve high risk experiments that could lead to a breakthrough in a particular field; or 3) demonstrate the feasibility of new technologies that could have major impact in a specific area.	Prorated based on PI % effort.	Modular up to \$275K.	Up to 2 years. Not renewable.
P01: Research Program Project Grant	Supports broadly based multidisciplinary research programs with a well-defined central research focus or theme. Must have a minimum of 3 interrelated projects that contribute to the program objective, as well as shared resources (Cores).	Prorated based on PI % effort.	Program staff approval for over \$500K.	Up to 5 years. May be renewed.
P30: Center Core Grant	Supports shared resources and facilities used by investigators with NINDS funded grants. An institution is eligible for a maximum of one Core Grant. These awards will support basic, translational, and clinical research, but will not be used to support clinical trials or to provide patient services.	Prorated based on PI % effort.	Up to \$500K.	Up to 5 years. May be renewed.
P50: Specialized Center Grant	Supports any part of the full range of research and development activities comprising a multidisciplinary attack on a specific disease entity or biomedical problem area within the mission of NINDS. Consultation with NINDS Program staff is crucial to the development of a P50 application.	Prorated based on PI % effort.	Program staff approval for over \$500K.	Up to 5 years. May be renewed.
U01: Research Project Cooperative Agreement	A research Project Grant supports a focused research program conducted by a principal investigator with substantial involvement by NINDS staff in the research activities.	Prorated based on PI % effort.	Depends on Specific RFA.	Up to 5 years. May be renewed.
U10: Cooperative Clinical Research Grant	Supports clinical evaluation of various methods of therapy and/or prevention in specific disease areas. There is substantial involvement by NINDS staff in research activities.	Prorated based on PI % effort.	Depends on Specific RFA.	Up to 5 years. May be renewed.
U24: Microarray Centers	Supports gene expression profiling in the nervous system through the application of microarray technologies. The Microarray Centers will provide reagents, services, and training to the neuroscience community, on a fee-for-service basis.	Prorated based on PI % effort.	Depends on Specific RFA.	Up to 3 years. May be renewed.
U54: Translational Research Program	Supports cooperative agreements that will have milestone-driven projects focused on the identification and pre-clinical testing of new therapeutics. The program will facilitate review and administration of projects and will accelerate the translation of discoveries in basic research to treatment in the clinic.	Prorated based on PI % effort.	Depends on Specific RFA.	Up to 5 years. May be renewed.

Conference Grants:

Mechanism – Program ↓	Program Synopsis	Salary/ Stipend	Budget Info.	Duration/ Renewal
R13: Conference Grant	Support for scientific meetings, conferences, and workshops that are relevant the scientific mission of the NINDS. Support of these meetings is contingent on the interests and priorities of the NINDS. Consultation with Program staff and subsequent letter of intent is essential to the development of an R13 application.	May request partial salary for PI and other staff.	No limit, but generally less than \$20K.	Up to 5 years, but generally 1 year. May be renewed.
U13: Cooperative Conference Grant	Support for scientific meetings, conferences, and workshops that are relevant the scientific mission of the NINDS. The U13 requires close collaboration with and input from NINDS Program staff in the conceptualization and administration of the program, e.g., agenda, speakers, and post-meeting publications.	May request partial salary for PI and other staff.	No limit, but generally less than \$100K.	Up to 5 years, but generally 1 year. May be renewed.

Small Business Grants:

Mechanism – Program ↓	Program Synopsis	Salary/ Stipend	Budget Info.	Duration/ Renewal
R41: Small Business Technology Transfer (STTR), Phase I	To support cooperative R&D projects between small business concerns and research institutions, limited in time and amount, to establish the technical merit and feasibility of ideas that have potential for commercialization. Awards are made to small business concerns only.	Prorated based on PI % effort.	Up to \$100K for phase I.	1 year, followed by STTR phase II.
R42: Small Business Technology Transfer (STTR), Phase II	To support in-depth development of cooperative R&D projects between small business concerns and research institutions, limited in time and amount, whose feasibility has been established in Phase I and that have potential for commercialization. Awards are made to small business concerns only.	Prorated based on PI % effort.	Up to \$500K for phase II.	2 years. Not renewable.
R43: Small Business Innovative Research (SBIR), Phase I	To support projects, limited in time and amount, to establish the technical merit and feasibility of R&D ideas that may ultimately lead to a commercial product(s) or service(s).	Prorated based on PI % effort.	Up to \$100K for phase I.	6 months, followed by SBIR phase II.
R44: Small Business Innovative Research (SBIR), Phase II	To support in-depth development of R&D ideas whose feasibility has been established in Phase I and which are likely to result in commercial products or services. SBIR Phase II are considered Fast-Track and do not require National Council Review.	Prorated based on PI % effort.	Up to \$750K for phase II.	2 years. Not renewable.

Institutional NRSA Training Grants:

Mechanism – Program ↓	Program Synopsis	Salary/ Stipend	Budget Info.	Duration/ Renewal
T32: Broadly Based Postdoctoral Training	Interdisciplinary research environment in basic and/or clinical neuroscience. Supports postdoctoral fellows with PhD or MD. Can appoint 4-8 trainees; up to 4 may be advanced predoctoral students.	Postdocs: \$35,568-\$51,036 per year.	Postdocs: \$3,850 per trainee per year.	5-year award. Renewable.
T32: Highly Focused Postdoctoral Training	Training in a highly focused area of basic and/or clinical neuroscience. Supports up to 4 PhD or MD trainees; up to 2 may be advanced predoctoral students.	Postdocs: \$35,568-\$51,036 per year.	Postdocs: \$3,850 per trainee per year.	5-year award. Renewable.
T32: Jointly Sponsored Training in Neuroscience	Institutional training grants jointly sponsored by NINDS and 9 other NIH Institutes. Broad training in the Neurosciences focused on the early years of training before full-time thesis research is started. Allow institutions to consolidate their predoctoral training.	Predocs: \$20,772 per year.	Predocs: \$2,200 per trainee per year.	5-year award. Renewable.
T35: Medical Student Short-Term Training	Research training opportunities for medical students who are preparing for careers in basic or clinical neurological sciences research. Training should be on a full-time basis during the summer or other off-periods.	\$1,731 per month.	\$183 per trainee per month.	5-year award. Renewable.

Individual NRSA Fellowships:

Mechanism – Program ↓	Program Synopsis	Salary/ Stipend	Budget Info.	Duration/ Renewal
F05: Int'l. Neurol. Science Fellowships	The purpose of this fellowship program is to provide opportunities for foreign scientists in low and middle income countries to enhance their knowledge and skills in the neurosciences. Applicants must have a doctoral or equivalent degree; a permanent position in an institution in their home country upon completion of the program; receive an endorsement from their home institution and Ministry of Health; be proficient in English, and have a sponsor in the United States who is affiliated with an institution.	\$35,568-\$51,036 per year.	\$5,500 per year.	1 year. May be extended to 2 years.
F30: Medical Student MD/PhD or MD/MPH Fellowships	For individuals enrolled in an MD (or equivalent clinical) program at an accredited medical/health professional school, accepted in a related scientific PhD or MPH program, and supervised by a mentor in that scientific discipline when the application is submitted.	\$20,772 per year.	\$2,750 per year.	6-years. Non-renewable.
F31: Predoctoral Fellowships	Individual NRSA for doctoral candidates that have successfully completed their comprehensive examinations and will be performing dissertation research and training.	\$20,772 per year.	\$2,750 per year.	2-3 years. Non-renewable.
F31: NINDS Medical Student Scholars Program Fellowships	Research training opportunities for medical students who are preparing for careers in basic or clinical neurological sciences research. The goal is to encourage the interest of potential clinician scientists early in their education, and accelerate entry to independent research.	\$20,772 per year.	\$2,750 per year.	1-2 years. Non-renewable.
F31: Minority and Disability Predoctoral Fellowships	Individual NRSA to encourage minority students to seek graduate degrees and thus further the goal of increasing the number of minority scientists. Also for students with disabilities to seek graduate degrees and thus further the goal of increasing the number of scientists with disabilities.	\$20,772 per year.	\$2,750 per year.	2-3 years. Non-renewable.
F32: Postdoctoral Fellowships	Individual NRSA for individuals seeking postdoctoral research training in the basic and clinical neurological sciences.	\$35,568-\$51,036 per year.	\$5,500 per year.	2-3 years. Non-renewable.
F33: Senior Fellowships	Individual NRSA for individuals beyond the new-investigator stage who wish to: 1) make major changes in their research direction; 2) broaden their scientific background; or 3) acquire new research skills.	\$35,568-\$51,036 per year.	\$5,500 per year.	2-3 years. Non-renewable.

Career Development Awards:

Mechanism – Program ↓	Program Synopsis	Salary/ Stipend	Budget Info.	Duration/ Renewal
K01: Mentored Translational Research	Supports the career development of new investigators in translational research in neurological disorders under the guidance of an experienced mentor. It is one component of a series of programs being issued by NINDS to promote translational research in neurological disorders.	Up to \$85,000 per year.	Up to \$50,000 per year.	Up to 5 years. Not renewable.
K01: Minority Scholars in Neuroscience	Supports the supervised career development of promising minority investigators to obtain research independence during the performance period of the award. The objective is to address the under- representation of minorities in biomedical research.	Up to \$85,000 per year.	Up to \$50,000 per year.	Up to 5 years. Not renewable.
K01: Re-Entry Into the Neurological Sciences (RENS)	Assists basic and clinical scientists re-enter active careers in science and academic medicine in neurological sciences. For individuals who have experienced an interruption in their research careers (at least 3 years but not more than 8 years).	Up to \$85,000 per year.	Up to \$50,000 per year.	Up to 4 years. Not renewable.
K02: Independent Scientist Award	Supports the development of clinically trained neuroscientists with an M.D. or equivalent and with primary appointment in a clinical department. Must have demonstrated ability to conduct independent research. Current or former PIs on NIH research project grants are not eligible.	Up to \$85,000 per year.	Up to \$50,000 per year.	Up to 5 years. (Years 4/5 require R01). Not renewable.
K08: Mentored Clinical Scientist Development Award	For clinically trained persons to pursue research careers in basic or clinical neurological sciences. Must apply within 3 years of completing clinical training. Neurosurgeons may apply for 50% effort.	Up to \$85,000 per year.	Up to \$50,000 per year.	Up to 5 years. Not renewable.
K12: Neurological Sciences Academic Development Award (NSADA)	Institutional award to train pediatric neurologists for careers in research. Candidates for support should propose a research plan that has: (1) intrinsic research importance, and (2) will serve as a suitable vehicle for learning the methodology, theories, and concepts needed for a well-trained independent clinician-researcher.	Up to \$75,000 per year.	Up to \$20,000/\$50,000 per year for didactic/ research.	
K22: NINDS Career Transition Award	Opportunity to train in the NINDS Intramural Research Program (IRP) and to facilitate transition to an extramural environment as independent researchers. The initial 2-3 years will be at the IRP, followed by 2-3 years at an extramural institution.	Extramural: Up to \$85,000 per year.	Extramural: Up to \$65,000 per year.	Up to 5 years total support. Not renewable.
K23: Mentored Patient-Oriented Career Award	Supports the career development of investigators who have made a commitment to patient-oriented (P.O.) research. To encourage clinicians to develop independent research skills and increase the pool of clinical researchers who can conduct P.O. studies.	Up to \$85,000 per year.	Up to \$50,000 per year.	3 to 5 years research. Not renewable.
K24: Midcareer Patient-Oriented Career Award	Supports clinicians devoted to patient-oriented (P.O.) research and to mentoring of beginning P.O. clinical investigators. For outstanding researchers within 15 years of specialty training. Minimum of 25% effort--Maximum of 50% effort required.	From \$43,625 (25% effort) - \$87,250 (50% effort).	Up to \$50,000 per year.	3 to 5 years. May be renewed.
K25: Mentored Quantitative Career Development Award	Supports the career development of investigators with quantitative scientific and engineering backgrounds outside of biology or medicine that have made a commitment to focus their research endeavors on basic or clinical research.	Up to \$75,000 per year.	Up to \$40,000 per year.	Up to 5 years of. Not renewable.

Office of Minority Health and Research:

Mechanism – Program ↓	Program Synopsis	Salary/ Stipend	Budget Info.	Duration/ Renewal
S11: Collaborative Neurological Sciences Award (CNS)	To develop and promote competitive neurological science research programs at predominantly minority institutions by establishing collaborative investigations with grantees from research institutions that have NIH support to conduct neurological science research. Applicant institution must be a predominantly minority institution.	Prorated based on PI % effort.	\$150K to \$200K per year.	Up to 5 years. Project may compete as future R01. May be renewed.
U54: Specialized Center grant Cooperative Agreement	To augment and strengthen the research capabilities of faculty, students, and fellows at minority institutions by supporting the development of new, and/or the enhancement of ongoing, basic and clinical neuroscience research projects and programs. There is substantial involvement by NINDS staff in research activities.	Prorated based on PI % effort.	Up to \$1M per year.	Up to 5 years. Renewal under admin. Consider- ation.